


**CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571.273.8300 on April 7, 2006.

  
Sue Bromaghin April 7, 2006

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: George Matamis et al.  
Title: Bitline Direction Shielding to Avoid Cross Coupling Between Adjacent Cells for NAND Flash Memory  
Application No.: 10/680,665 Filing Date: October 6, 2003  
Examiner: Heather Anne DOTY Group Art Unit: 2813  
Docket No.: SNDK.294US0 Conf. No.: 5425

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**

Sir:

SanDisk Corporation, a Delaware corporation, hereby revokes all powers of attorney previously given and appoints the following attorneys specifically and solely to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Gerald P. Parsons, Reg. No. 24,486  
James S. Hsue, Reg. No. 29,545  
K. Alison de Runtz, Reg. No. 37,119

Please direct all communications in connection with the above-identified patent application to:

**Customer Number: 36257**

Parsons Hsue & de Runtz LLP  
595 Market Street, Suite 1900  
San Francisco, CA 94105  
Telephone No.: (415) 318-1160  
Fax No.: (415) 693-0194

SDK0361.000US

**ASSIGNEE CERTIFICATION UNDER 37 CFR 3.73(B)**

The undersigned hereby certifies that SanDisk Corporation is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors to SanDisk Corporation, as shown by the attached copy of an Assignment from the inventors, which is being separately recorded.

Each of the undersigned is empowered to sign this certificate on behalf of SanDisk Corporation.

11/21/2005

Date

Name: Richard ChernicoffTitle: Vice President Business DevelopmentNov. 11, 2005

Date

Name: Megan ComportTitle: Assistant Secretary, SanDisk Corporation

Attorney Docket No.: SNDK.294US0

Application No.: 10/680,665

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**COPY**

Attorney Docket No.: SNDK.294US0

**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we

**George Matamis, Tuan Pham, Henry Chien, and Hao Fang**

hereby sell, assign and transfer to SanDisk Corporation, a Delaware corporation, having a place of business at 140 Caspian Court, Sunnyvale, California 94089, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

**BITLINE DIRECTION SHIELDING TO AVOID CROSS COUPLING BETWEEN  
ADJACENT CELLS FOR NAND FLASH MEMORY**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 5 day of August, 2003.

  
George Matamis


State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_ personally known to  
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)  
is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the  
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the  
instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY

Attorney Docket No.: SNDK.294US0

Executed this 25<sup>th</sup> day of August, 2003.
  
 Tuan Pham

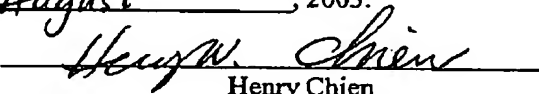
State of \_\_\_\_\_ )

County of \_\_\_\_\_ ) ss

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared \_\_\_\_\_ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this 5 day of August, 2003.
  
 Henry Chien

State of \_\_\_\_\_ )

County of \_\_\_\_\_ ) ss

On \_\_\_\_\_ before me, \_\_\_\_\_ personally appeared \_\_\_\_\_ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Attorney Docket No.: SNDK.294US0

Executed this 22nd day of August, 2003.  
\_\_\_\_\_  
Hao FangState of CA )  
County of USA ) ss

On \_\_\_\_\_ before me, \_\_\_\_\_  
personally appeared \_\_\_\_\_ personally known to  
me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)  
is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the  
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the  
instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
SIGNATURE OF NOTARY